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Without troubling the Board with a detail of experiments, it is with great satisfaction I am enabled to inform them, that by adding a horizontal motion into the top hoppers of a common drill, and substituting small shovels instead of cups into the lower, I produced a regular discharge of the lime.

For dusting turnips in rows, the common seed tin pipe may be used. For broad-cast they are taken away, and a board, about eighteen inches wide, substituted in their place.

This board must hang upon an inclined plane, and should be tinned, to facilitate the fall of the lime.

When the atmosphere is damp, the lime will hang upon the board, unless a con-

cussive motion is given to the board, by a crank.

The lime should not be slackened or sifted until the apparatus for sowing it is in the field; for the least damp will change it from a prepared state of powder, and interrupt a regular discharge.

It is not at present in my power to make any further observations to the Board upon this very important branch of agriculture.

The pride I feel in having introduced that invaluable plant, the ruta baga, into England, in the year 1785, will be much increased, should my subsequent endeavours be instrumental in protecting and facilitating the cultivation of a plant for which I must naturally feel a kind of parental interest.

### LIST OF NEW PUBLICATIONS.

#### ARCHITECTURE.

**A** COLLECTION of antique Vases, Altars, Patera, Tripods, Candelabra, Sarcophagi, &c. from various Museums and Collections; by Henry Moses, with Historical Essays. Engraved in outline on 170 Plates, .5 3s. half-bound, small 4to. On large fine Paper, £5 5s. in extra boards.

Ornamental Designs after the manner of the Antique; by George Smith, quarto, £1 15s.

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An Architectural Dictionary, containing a correct Nomenclature and Derivation of the Terms of Art; with a full Display of their technical Meaning and Application, as used by Architects, Builders, and Workmen: exhibiting in a perspicuous Point of View, the Theory of the various Branches of Architecture, Building, Carpentry, Joinery, Masonry, Bricklaying, &c. their Dependence on each other, the most approved Methods of Practice hitherto adopted, and many Practical Rules never before made public: the whole forming a complete Guide to the Science of Architecture and the Art of Building. Illustrated with numerous Copper-plates, engraved by the first Artists, from Drawings made on Purpose

for the Work; by Peter Nicholson, Architect. Parts I. to XVI. 7s. each; to be continued Monthly, and completed in about Twenty Parts.

#### BIOGRAPHY.

Memoirs relative to Maria Antoinette, Queen of France, £2 2s.

#### BOTANY.

A complete Course of Lectures, on Botany, as delivered at the Botanical Garden at Lambeth, by the late Wm. Curtis, F.L.S. No. 1, with Plates correctly coloured from Nature, 2s. 6d.

A Botanical Dictionary, or Elements of Systematic Botany; by Colin Milne, L.L.D. £1 1s. plain: £1 15s. coloured.

Practical Observations on the British Grasses; by William Curtis, 8s. 6d. coloured; 6s. plain.

#### EDUCATION.

Continuation of Early Lessons; by Maria Edgeworth, 6s.

A Manual of Latin Grammar; intended to combine the ancient plan of grammatical Institution, originally enjoined by royal authority, with the Advantages of modern Improvement: to which are prefixed some prefatory Hints and Observations on the Methods of commencing and pursuing Classical Learning, in Schools and by private Study; by John Ryee Smith, D.D. 2s. 6d. bound.

**An Essay on Mind and its moral Education,** 4s.

**The vain Cottager; or the Story of Lucy Franklin,** 1s. 6d.

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**A Map of the County of Longford, laid down from actual Survey, and verified by trigonometrical and astronomical Observations;** by William Edgeworth, Esq. £.2 2s.

**The new British Traveller; or modern Panorama of England and Wales,** No. 1, 8d.

**MECHANICS.**

**Practical Essays on Mill-work, and other Machinery, mechanical and descriptive;** by Robertson Buchanan, civil Engineer.

**Essay 1. On the Teeth of Wheels applicable to Mill-work and other Machinery,** with numerous Figures, 6s. in Boards.

**Essay 2. On the Shafts of Mills, their Description and Use;** with the kinds of Stress to which they are subject, and an Inquiry into their Stiffness, Durability, and Proportion, with useful Tables, and 4 Plates, 7s. Boards.

**Essays 3 to 8. On Couplings of Shafts, &c.** On disengaging and re-engaging Machinery, in Motion, &c. On equalizing the Motion of Mills. On the Velocity of Water Wheels. On changing the Velocity of Machinery, and on the Framing of Mill-work, with 15 Plates, 12s. Boards.

**Smeaton's Experiments on under-shot and over-shot Wheels, &c.** 8vo. 5 Plates, 10s. 6d. Boards.

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**MISCELLANIES.**

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**Apparitions; or the Mystery of Ghosts, Hobgoblins, and Haunted Houses developed,** Being a Collection of entertain-

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ing Stories, founded on Fact, and selected for the Purpose of eradicating those ridiculous Fears, which the Ignorant, the Weak, and the Superstitious, are but too apt to encourage, for want of properly examining into the Causes of such absurd Impositions; by Joseph Taylor, 5s. Boards.

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**The Portable Cyclopaedia; or compendious Dictionary of all Arts and Sciences,** including the latest Inventions, Improvements, and Discoveries, and serving as a Book of universal Reference on all Subjects; by T. C. Watkins, A.M. 15s. in Boards, or 16s bound and lettered, with numerous Plates.

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—Si vis me CAVERE, cavendum est

Primum ipsi tibi:

By the late William Dobson, Esq. 12s.

**The Flowers of Wit,** or a choice Collec-

tion of Bon-mots, both ancient and modern;

with Biographical and Critical Remarks;

by the Rev. Henry Kett, 14s. Boards.

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**NOVELS, TALES, AND ROMANCES.**

**Plain Tales;** by Mrs. Roche, 2 Vols. 10s.

**Sarsfield;** or the Wanderings of Youth; an Irish Tale; by John Gamble, Esq. Strabane, 3 Vols.

**London Tales;** or varied reflective Portraits, designed for the Retirement of Summer, and the vacant Moments in Town, 10s.

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John Bull's Triumph over his unnatural Countrymen; or the Landholders and Contractors in the Dumps: to which is added Royalty in Motion; or an Emperor awake, and a Regent asleep; by Peter Pindar, Jun. 1s. 6d.

Cona; or the Vale of Clwyd, and other Poems, 7s. 6d. Boards.

Sonnets, Odes, and Poems; by the late Charles Leftley, Esq.; together with a short Account of his Life and Writings, by William Linley, Esq. 7s. 6d. Boards.

The Minstrel's Love; a lyrical Romance, 3s.

The Olive Branch; by M. Crawford, 4s. 6d.

Persia, 5s.

Lara; a Tale; by Lord Byron. Jacqueline; a Tale; by S. Rogers, Esq. in One Volume, 7s. 6d.

#### POLITICS AND POLITICAL ECONOMY.

Thoughts on Peace, in the present Situation of the Country, with respect to its Finances and circulating Medium, 6s.

A few Reflections on passing Events, 1s.

#### THEOLOGY.

Does Faith ensure good Works? An Answer to the Negative; by the Rev. James Beresford, 1s. 6d.

#### SERMONS.

Sermons, by the late Percival Stockdale, 7s.

#### NOTICE OF A NEW PUBLICATION.

To be published by Subscription, a Biography of the Blind, including the Lives of all those, down to the present Day, who have distinguished themselves as Poets, Philosophers and Artists; by James Wilson, Belfast. The Work will be published in One Volume, duodecimo, containing 400 Pages, and up-

wards, and will be put to Press immediately, price, 7s. 6d.

It will scarcely be necessary to call the attention of the Public to this little production, which embraces a species of Biography hitherto untouched; and which will present much matter as yet unknown. It is the compilation of a man labouring under the same calamity, as those whose lives he records; and by affording it that patronage which it deserves, the benevolent mind will at once reward merit, and alleviate misfortune. A Memoir of the Author will be subjoined.

The author is now proceeding on a journey through part of the North of Ireland to endeavour to procure subscriptions. His prospectus explains the motives for publication, and it may be added, that amongst the numerous volumes which have been offered to the Public, none of a similar nature to the one now presented to notice has appeared, although it must be admitted that there have been many remarkable instances of singular ingenuity and talent among the blind. The Monthly Reviewers in introducing to the notice of their readers a poetical volume written by a gentleman who was deprived of his sight, say "How happy is it when persons who are afflicted with blindness can amuse themselves; and happier still should they find they can also amuse others! Men of genius and improvement enjoy this inestimable privilege, that, when 'knowledge at one entrance is quite shut out,' they can, nevertheless, 'sit in darkness, and enjoy bright day,' and to them the horizon of intellect appears luminous and resplendent."

It will not be necessary in this place to give a list of the persons whose memoirs will be comprised in the "Biography of the Blind," suffice it to say that it is intended to notice all those whose example may have a tendency to hold out an instructive light to guide individuals who are willing to be led into the delightful paths of knowledge.

## DOCUMENTS RELATING TO PUBLIC AFFAIRS.

#### PLAN TO REVISE THE CIVIL AND CRIMINAL CODE.

**A PETITION** to both Houses of Parliament, in name of "the House-

holders, Traders, and other Inhabitants of the cities of London, Westminster, the Borough of Southwark, and parts adjacent:" has been some time handed about